

## ABSTRACT OF THE DISCLOSURE

A method for producing a graphite bipolar separator plate for a polymer electrolyte membrane fuel cell in which a powder mixture having at least one graphite component and at least one resin is placed into a plate mold and pressed at substantially ambient temperature, resulting in formation of a cold-pressed plate. The cold-pressed plate is heated to a temperature suitable for curing the cold-pressed plate, resulting in formation of the graphite bipolar separator plate.

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